BATRIBIKE®
ELECTRIC BICYCLES

TUNGSTEN
User Manual

Thank you for purchasing a **BATRIBIKE** Electric Bicycle
from Fallowgate Limited.
With care and correct usage your bicycle
will give many years of service.

Please read the manual fully before use.

MODEL:-

TUNGSTEN

SERIAL NUMBER:-

PURCHASE DATE:-

		/			/				

DAY MONTH YEAR

IMPORTANT PLEASE READ THIS MANUAL FULLY PRIOR TO ASSEMBLY AND USE

For your safety and to ensure a long and trouble free life of your bicycle, check the operation of brakes, lights, tyre pressures, bell and gears. Also check all fasteners, including quick release mechanisms, before every ride.

Service & Spares

Cables may stretch a little during the first few uses. Brakes and gears may need to be adjusted after the first few rides to ensure correct operation. If you return the bicycle to us, (please contact us first), we will be pleased to check and adjust accordingly within the first 6 weeks of purchase, free of charge. If it is more convenient for you a local cycle shop could carry out this operation at your expense.
Your **BATRIBIKE** bicycle uses standard cycle parts wherever possible. Items such as tyres, tubes, lights, brake pads/blocks and cables may be obtained direct from us or your local cycle shop or retailer.
Specialist parts such as the motor, battery, & electrical parts or frame components are only available from Fallowgate Limited

PACKAGE CONTENTS

1 ELECTRIC BICYCLE
1 BATTERY
1 BATTERY CHARGER
1 MANUAL

Important

PLEASE CHARGE THE BATTERY
BEFORE FIRST USING THE BICYCLE.

Even though the battery indicator will show charge this cannot be relied upon until the battery has had the initial full charge.

Battery Charging.
The battery can be charged either on or off the bicycle, but must be charged inside in dry conditions to avoid the risk of electrical shock. Only use the charger supplied with the bicycle.

1) Ensure the power is turned off at the battery.
2) Rotate the charging socket cover and insert charger lead into socket on battery casing, taking note of the position of pins.
3) Insert 3 pin mains plug into mains socket and switch on at wall.
4) There is a indicator light on the charger
CHARGE—Glows red when charging and green when charge is complete.
6) When battery is charged, firstly turn off the mains supply, unplug and then remove the charging plug from the battery.

To ensure maximum battery life charge your battery after each ride & DO NOT leave fully discharged.

To remove battery push and turn the key to the unlock position.

The key can be removed in the unlocked or locked positions but must remain in the lock when the power is switched on.

If your BATRIBIKE Tungsten is not in use for an extended period, charge the battery once a month to prevent deterioration.

Quick release fittings for seat height adjustment.

With the locking lever in the loose position, tighten the nut until finger tight, The final tightening is done by moving the lever to the locked position. To undo move lever to loose position to enable height adjustment.

Loose

Locked

Front Light

To turn the light on press the red button on the handlebar.
Press again to turn off.

Rear Light

The rear light requires 2 AA size batteries. There is a switch on the light for operation.

Braking

To stop release the throttle and pull the brake levers.

Side Stand

To put the bicycle on its stand:-

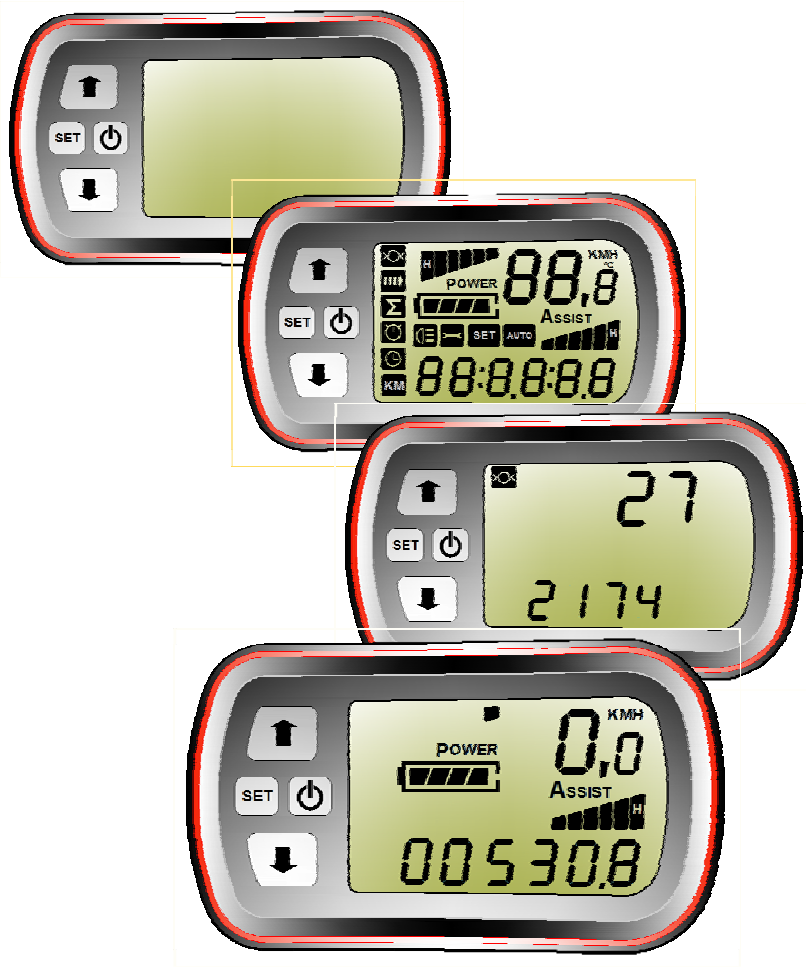
1) While holding the bicycle upright, push the stand to its full extent.
2) Lean bicycle over onto stand.

Make sure bicycle is on solid ground.

Tyre Pressures

The tyres should be pumped up to within the range stated on the sidewall. This should be regularly checked as running with the correct pressures will ensure maximum range from the battery.

To turn on the power, insert the key into the lock on the battery and turn to the on position. Then switch on the controller on the handlebars by pressing the power button. The display will switch all segments on and display the current settings for the wheel size. (Detailed later).



Pedal Assistance

The amount of assistance from the motor can be selected using the UP and DOWN buttons.

There are 7 levels of power from Pedal Only through six levels of Pedal Assistance. The amount of assistance selected is displayed by the Assist Meter.

Riding Without Power

When no assistance is selected the Auto indicator lights. In this mode the motor will not provide assistance when pedalling.

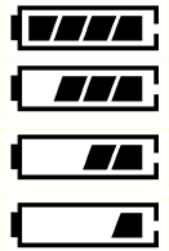
Using the Twist Grip Throttle

When no assistance is selected the Auto indicator lights. In this mode the throttle on the right handlebar grip is also live. You can either pedal without power or use the throttle to propel the bicycle under power with minimal effort from the rider. The pedals must be rotating although no pressure is needed. This is a safety feature to ensure that the bicycle cannot be powered without the rider on board. (Such as when getting on and off the bike or walking with it).

Power Level Display

The amount of power actually being sent to the motor is displayed on the power meter. This is sensed by the pressure put on the pedals and is shown in 6 levels.

Battery Level Display

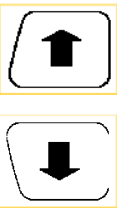


A battery meter shows the amount of power remaining in the battery. There are 4 levels to the display.

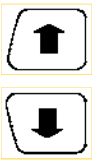
When only 2 bars are shown the rider should be heading back to a suitable charging station. When one bar is shown there is very little power left and the battery should be charged as soon as possible. (See the Battery Charging section for details).

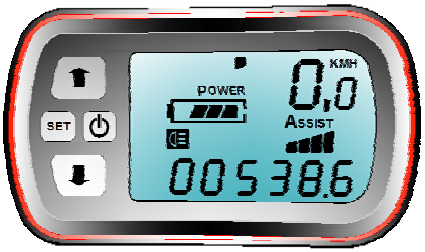
Changing Settings

Various settings can be configured on the display. To enter setting mode use the SET button and to change the selected option use the UP and DOWN buttons. If no button is pressed within 5 seconds the display will revert to normal mode.



Backlight Level Setting





To set the backlight of the display press the SET button once and the LIGHT icon will display. Then use the UP and DOWN buttons to select one of the 5 levels of backlight brightness.

Trip Meter

To display the Trip Meter press the SET button twice and the KM icon will display together with the current trip value.

To reset the trip to zero simply press the DOWN button when the trip distance is displayed. To leave the trip distance simply wait 5 seconds and the display will return to its normal mode.

Timer

To display the Timer press the SET button 3 times and the CLOCK icon will display together with the current Time value. (This is the time that the bicycle has been ridden since the last reset).

To reset the Timer to zero simply press the DOWN button when the timer is displayed. To leave the timer running simply wait 5 seconds and the display will return to its normal mode.

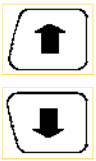
Speed & Distance Display

The wheel size setting is used to calibrate the electronic controller which displays the speed and distance travelled.

Wheel Size Settings

10 Secs

To set the wheel size press and hold the SET button for 10 secs and the WHEEL SIZE icon will display together with the current wheel diameter and wheel circumference values. Use the UP and DOWN buttons to change the values.



Your BATRIBIKE Tungsten has been preset to 27 and 2174 which will give a reasonably accurate reading in Kilometres.

To reset the speedometer and distance displays to measure miles per hour and miles you can “cheat” the display into thinking it has a 16” wheel with a circumference of 1272mm. This gives an approximate display in Miles although the icons on the screen will still show as KM and KMH.

Fault Messages

Fault Display

If the SPANNER icon appears together with a code on the display then it is an indication that there is a fault and you should switch off the controller at the button on the display. Then switch off the power at the battery with the key and leave for 2 minutes. When the battery and controller are turned on the unit should function correctly. If the code display persists then please contact your dealer or BATRIBIKE for assistance quoting the code shown on the display.

Unused Icons

There is currently no function assigned to these icons.

Notes

www.batribike.com

BATRIBIKE
ELECTRIC BICYCLES

Warranty

Please retain your receipt as this is your proof of purchase and entitlement to Warranty.

- The Frame of your new **BATRIBIKE Tungsten** is guaranteed for 2 years from date of purchase.
- Other main cycle parts have a warranty of 1 year.
- The battery is covered for 6 months as battery life is determined by User care.

In the event of warranty repairs becoming necessary you should return your bicycle to BATRIBIKE at the address below. Delivery & collection charges are not redeemable under warranty.

Brake blocks/pads, tyres, lights and cables etc. are considered as consumables and replacements are available from BATRIBIKE or may be obtained from your local cycle shop.

BATRIBIKE Electric Bicycles are exclusive to:-

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Fallowgate LIMITED